



Public

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Ultrapro™ Silicone Gasket

Data Sheet

3M Part No.(s)

08700

3M Part Descriptor(s)

Black 3 Oz. Tube Blister Carded

3M Fax on Demand Identification Number:

Description

3M™ Ultrapro™ Silicone Gasket is a rapid curing form-in-place silicone gasket adhesive/sealant for use on automobile engines. It is a flexible, non-corrosive, oxygen sensor safe compound that can be used as a gasket material for valve covers, oil pans and other engine and transmission applications. 3M™ Ultrapro™ Silicone Gasket can be used in applications up to 600°F.

Features, Advantages, Benefits

Features

- Peggable package for easy display
- Oxygen Sensor Safe
- Rapid Curing

Advantages

- Non-corrosive Service
- Temperature Range: -20 °F to 600 °F (-27° C to 301° C)
- Resistant to oil, ethylene glycol, water

Benefits

Typical Physical Properties

Container	3 Fl. Oz. (88ml) Tube
Base	Silicone
Color	Black
Consistency	Paste
Service Temperature - °F	-20 °F to 600 °F (-27° C to 301° C)

Product Uses

Performance Properties

Adhesion to Aluminum	20 - 25 lbs per inch	ASTM C794
Tensile (PSI)	325 PSI +/- 25	ASTM D412
Ultimate Elongation %	320% +/- 25	ASTM D412
Hardness, Shore A	35 - 40	ASTM C661

Handling and Application Information

Directions for Use

1. Remove any old gasketing material and clean the surfaces with 3M™ Gasket Prep and Parts Cleaner PN 08901.
2. Apply 3M™ Ultrapro Gasket Silicone to one of the gasketing surfaces making sure to circle the bolt holes.
3. Assemble parts while silicone is still wet, within 5 to 10 minutes.
4. Torque bolts to recommended specifications for form-in-place gaskets.
5. Engine may be started 15 minutes after assembly.

Applications

- Valve Covers
- Oil and Transmission Pans
- Intake Manifolds
- Water Pumps
- Timing Chain Covers
- Thermostat Housings

Storage and Handling

Store at room temperature. Rotate stock on a "first-in, first-out" basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 12 months.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

Country

US

This document is public. It may be distributed.

Important Notice to Purchaser

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* If 'Directions for Use' reference P.N.'s 8984, 8986, or 8987, please read below.

Federal and local air quality regulations may regulate or prohibit the use of surface preparation and cleanup solvents based on VOC content. Consult your local and Federal air quality regulations for information. When using solvents, use in a well ventilated area. Extinguish all sources of ignition in the work area and observe precautionary measures for handling these materials. Refer to product label and MSDS for P.N. 8984, 8986, or 8987 for detailed precautionary information.

LIMITATION OF REMEDIES AND LIABILITY: If the 3M product is proved to be defective, **THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT.**

3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

For Additional Health and Safety Information

See Material Safety Data Sheet (Fax on Demand 1-800-305-0419), or call: **3M Automotive Aftermarket Division** 3M Center, Building 223-6N-01
Phone: 877-MMM-CARS (877-666-2277)

3M Fax on Demand Identification Number

Reference: Goto Ref

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